

WELL NAME:	Collins HH #20-3J					OPERATOR:	Extraction Oil & Gas Inc		
FIELD:	Wattenberg					FORMATION:	J Sand		
SHL:	qtr-qtr	NENW	Section	20	Township	1S	Range	65W	
BHL:	qtr-qtr	NENW	Section	20	Township	1S	Range	65W	
COUNTY:	Adams		STATE:	CO		API:	05-001-09547		

not to scale	
GROUND LEVEL:	5141'
KELLY BUSHING:	5153'
SPUD DATE:	9/23/2005
TD DATE:	9/28/2005

8 5/8" csg @  
1529'

SURFACE CASING	
SIZE:	8 5/8"
WEIGHT:	--
HOLE SIZE:	12 1/4"
HOLE DEPTH:	1529'
CSG DEPTH:	1529'
CEMENT:	1070 sx
TOC:	Surface

PRODUCTION CASING	
SIZE:	4 1/2"
WEIGHT:	--
HOLE SIZE:	7 7/8"
TOTAL DEPTH MD	8163'
CSG DEPTH:	8141'
CEMENT:	240 sx
TOC:	6396'

PRODUCTION TUBING	
SIZE:	2 3/8"
WEIGHT:	4.5#
DEPTH:	7990'

FORMATION TOPS & PERFORATIONS	
J SAND MD	8002'
PERFORATIONS	8004'-8046'

FRAC DATA  
J SAND: 8004-8008' (16 HOLES), 8020-8022' (8 HOLES), 8040'8046' (24 HOLES) W/ 138,348 GAL SILVERSTEM 24# GEL, 435,360# 20/40 SAND & 12,000# SB EXCEL 16/30

EOT @ 7990'  
Production Csg @ 8141'  
MD 8163'